

4.2.G. 06010103090.

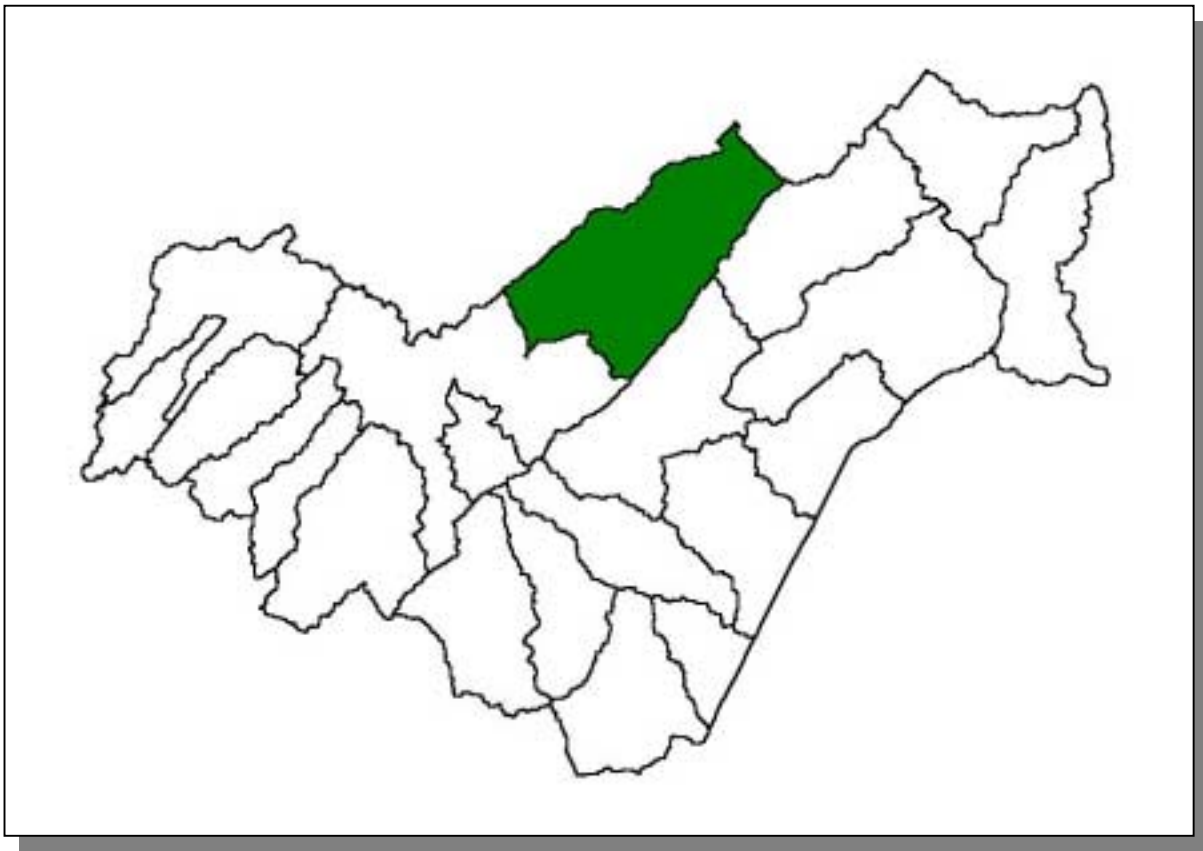


Figure 4-38. Location of Subwatershed 06010103090. All Watauga HUC-14 subwatershed boundaries are shown for reference.

4.2.G.i. General Description.

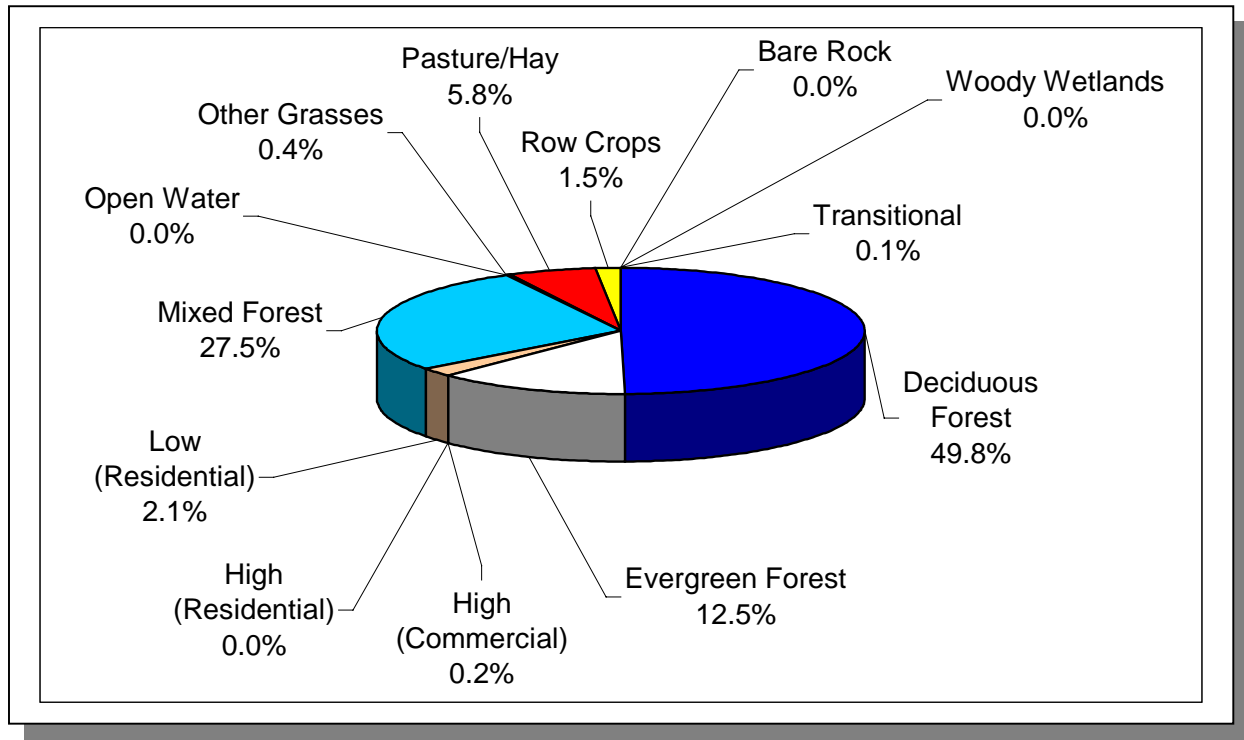


Figure 4-39. Land Use Distribution in Subwatershed 06010103090. More information is provided in Watauga-Appendix IV.

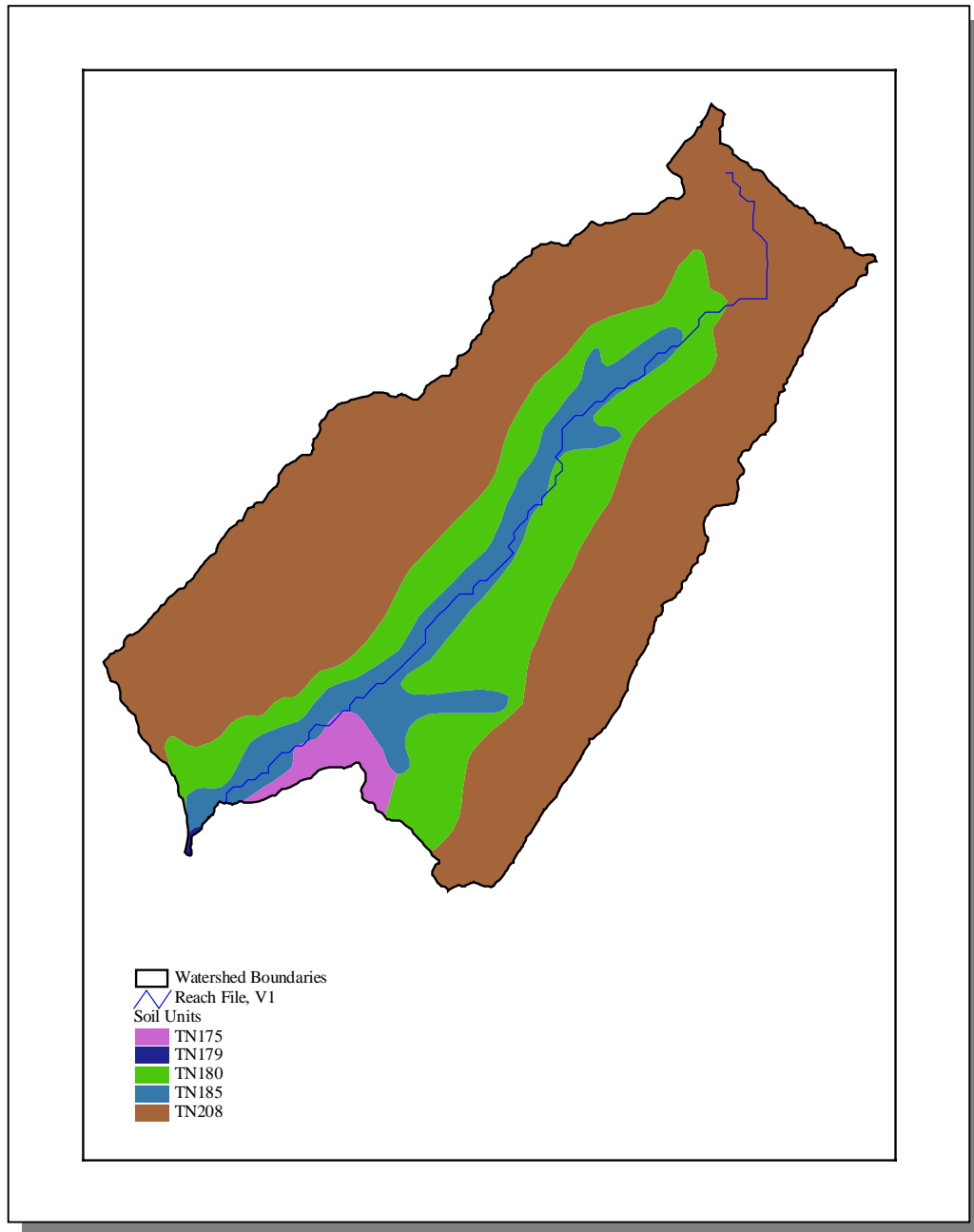


Figure 4-40. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103090.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN175	0.00	B	1.49	5.23	Loam	0.30
TN179	0.00	B	3.90	5.62	Sandy Loam	0.25
TN180	0.00	B	1.71	4.97	Loam	0.28
TN185	0.00	B	2.81	5.10	Loam	0.28
TN208	0.00	C	4.02	4.84	Loam	0.25

Table 4-35. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103090. More information is provided in Watauga-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
Carter	51,505	53,132	16.04	8,259	8,520	3.2
Johnson	13,766	16,572	0.02	2	3	50.0
Sullivan	14,3596	150,371	0.26	371	389	4.9
Totals	208,867	220,075		8,632	8,912	3.2

Table 4-36. Population Estimates in Subwatershed 06010103090.

4.2.G.ii. Point Source Contributions.

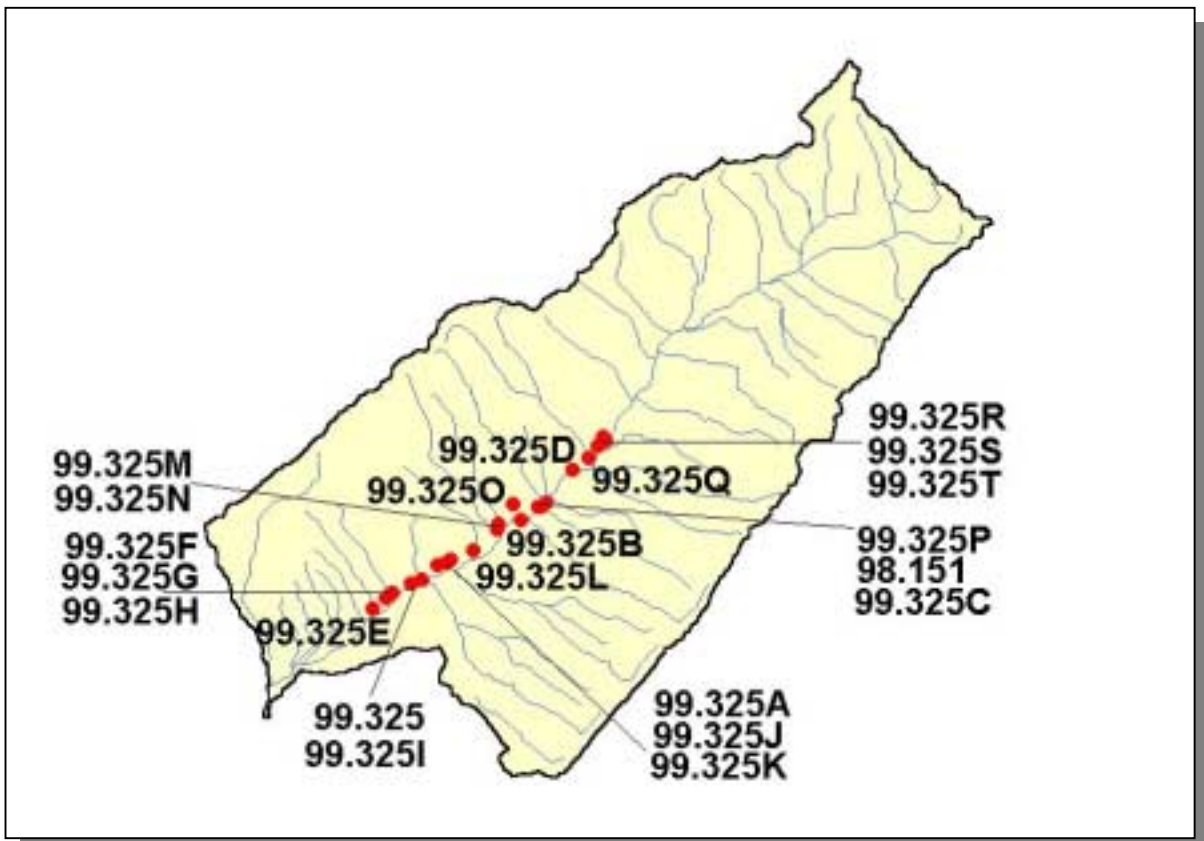


Figure 4-41. Location of ARAP Sites (Individual Permits) in Subwatershed 06010103090. More information is provided in Watauga-Appendix IV.

4.2.G.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Milk Cow	Cattle	Chickens	Hogs	Sheep
713	130	1,909	<5	<5	12

Table 4-37. Summary of Livestock Count Estimates in Subwatershed 06010103090.
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Carter	161.3	155.5	3.4	12.4
Johnson	144.4	144.4	0.6	2.2
Sullivan	123.7	123.7	0.1	0.3
Totals	429.4	423.6	4.1	14.9

Table 4-38. Forest Acreage and Average Removal Rates (1987-1994) in Subwatershed 06010103090.

CROPS	TONS/ACRE/YEAR
Non Agricultural Land Use	0.00
Corn (Row Crops)	5.08
Tobacco (Row Crops)	11.97
Grass (Hayland)	0.28
Legume Grass (Hayland)	0.40
Grass (Pastureland)	0.40
Grass, Forbs, Legumes (Mixed Pasture)	0.35
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.35
Other Land in Farms	0.02
Other Cropland not Planted	0.12

Table 4-39. Annual Estimated Total Soil Loss in Subwatershed 06010103090.